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(54) STRUCTURE FOR CONNECTING DRIVING SHAFT WITH WASHING TUB OF WASHING MACHINE

(57) Abstract:

PURPOSE: Connecting structure between a driving shaft and a washing tub is provided to economize in cost and to improve efficiency in an assembling process by obtaining simple connecting structure between a driving shaft and a washing tub.

CONSTITUTION: Connecting structure includes a reinforcement member(52) fixed in the center of a washing tub(50), a driving shaft(60) connected with the reinforcement member, and a pumping guide (54) set between the driving shaft and the reinforcement member. The reinforcement member

is made by the same material as the washing tub and fixed in the lower center of the washing tub to connect the washing tub with the driving shaft. The reinforcement member is fixed directly to the washing tub through welding. The pumping guide is injection-molded by synthetic resin. The pumping guide has a pumping part(54a) pumping water up to the washing tub, and a rib(54b) making an air gap for waterproofing of the driving shaft. Therefore, the connecting structure promote simplification of components.

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